

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTION)DPM 5069
FEB 04 1982

1. PRODUCT NAME, NUMBER, SYNONYM: Wipe Solvent, IS-105, DPM-5069 (Rule-66) Safety Solvent
2. MANUFACTURER'S NAME: DEFT, INC.
3. MANUFACTURER'S ADDRESS: 612 Maple Avenue, Torrance, California 90503
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Correct leakage. Clean-up spills immediately. Place rags or mops wet with solvent in closed containers or in safe place out of doors until they can be safely dried.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Store in ordinary steel tanks or where there is excessive moisture, use stainless steel tanks to minimize rust formation. Never use Aluminum tanks in storage or handling facilities, including pumps, meters, gauges, etc.
6. FIRST AID TREATMENT:
 - A. SKIN CONTACT: Wash immediately with warm soapy water. If skin trouble or systems of generalized poisoning develop, consult physician.
 - B. EYE CONTACT: Irrigate immediately and plentifully with water for a minimum of 15 minutes. Call physician and do not use medication.
 - C. INHALATION: Remove to fresh air and call physician if unconscious. If breathing has stopped, apply artificial respiration.
 - D. ANTIDOTE IN CASE OF SWALLOWING: Induce vomiting by giving a glassful of lukewarm salt or soapy water. When possible, induce vomiting 3 times.
7. PHYSIOLOGICAL PROPERTIES:
 - A. ACUTE ORAL TOXICITY: Minor amounts should not cause injury. Larger amounts may cause nausea, vomiting, diarrhea, and bloody stool.
 - B. LOCAL EFFECTS UPON EYES: Produces burning, tears, and other signs of inflammation.
 - C. LOCAL EFFECTS UPON SKIN: Dermatitis on prolonged or repeated contact. Reddening, burning, and rarely, blisters may follow such exposure.
 - D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): May cause headache and drunkenness, resulting in incoordination and impaired judgement. In severe acute poisoning, impairment of nervous function will be apparent.
 - E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Odor (when odor can no longer be tolerated) and a burning sensation of the skin.
 - F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Approximately 460 ppm
8. CHEMICAL AND PHYSICAL PROPERTIES:
 - A. SPECIFIC GRAVITY (WATER = 1) 1.26 to 1.29
 - B. VAPOR DENSITY (AIR = 1) 3.24
 - C. VAPOR PRESSURE mm Hg AT 25°C. 270 at 20°C
 - D. pH None
 - E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Will dissolve or attack many non-metallic surfaces, i.e., plexiglass, rubber, lacquers, enamels, vinyls, plastics, etc. Corrosive to aluminum only on prolonged storage.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? NO

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Methylene Chloride</u>	<u>70% by volume</u>
<u>1,1,1, Trichloroethane</u>	<u>20% by volume</u>
<u>Ethyl Acetate</u>	<u>10% by volume</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? NO

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Adequate ventilation, Appropriate personal protective equipment.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Cup type or rubber-framed goggles. Apron and gloves of Solvent Resistance materials.

11. A. FLASHPOINT °F: CLOSED CUP None ; OPEN CUP None ; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER Non-explosive ; UPPER Non-explosive

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____ ; NO None

D. FIRE POINT °F Non-flammable ; AUTO IGNITION TEMPERATURE °F undetermined

E. VAPOR DENSITY 3.24 (air = 1)

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? unknown

G. SUITABLE EXTINGUISHING AGENTS: Non-flammable

12. INFORMATION FURNISHED BY: Curtis J. Arima

TITLE: Technical Director

COMPANY: DEFT, INC.

ADDRESS: 612 Maple Avenue, Torrance, California 90503

DATE: May 11, 1971

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE TREATED AS CONFIDENTIAL AND USED FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF MCDONNELL DOUGLAS CORP. EMPLOYEES AND THE SAFEGUARDING OF ITS PROPERTY. IT WILL ALSO BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.